



08 653425

COMPUTER MOUSE

Abstract

A computer mouse with better precision and less cleaning.

Background of the invention.

This invention refers to a Computer Mouse used to control the monitor screen. The existing mouse uses a mechanical schematic with a rubber ball which rotates the X and Y coordinate shafts, as the mouse is moved on a surface. The ball S is pressed against X and Y shafts with a wheel H. (Fig. 1).

The disadvantages of the existing mouse are:

1. Low precision of the mouse pointer on the screen. It will stuck often and the mouse needs cleaning, especially the wheel H.
2. The wheel H will create higher friction for ball move.

This invention eliminates the above disadvantages, because it will replace the wheel H with a magnet M.

0 Description.

The description is related with the Fig. 1 and Fig. 2, which represent:

Fig. 1, The mechanical schematic of a existing mouse.

5 Fig. 2, The mechanical schematic of a mouse according with this invention.

In Fig. 2 wheel H is replaced with a magnet M, which will create the force F necessary to press the ball S against the

10 X and Y coordinate shafts.

The magnet does not touch the ball but they are as close as possible. The ball has a magnetic core.

15 We claim:

1. The Computer Mouse comprising:
a magnet which attracts the rubber magnetic core ball against the X and Y coordinate shafts.

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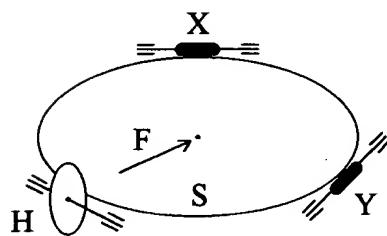


Fig. 1 (Prior Art)

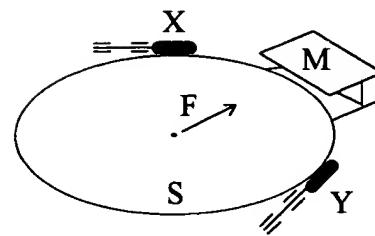


Fig. 2

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